

Title (en)

METHOD AND WIRELESS TERMINAL FOR MITIGATING DOWNLINK INTERFERENCE

Title (de)

VERFAHREN UND DRAHTLOSES ENDGERÄT ZUR ABSCHWÄCHUNG EINER DOWNLINK-INTERFERENZ

Title (fr)

PROCÉDÉ ET TERMINAL SANS FIL POUR ATTÉNUER LE BROUILLAGE EN LIAISON DESCENDANTE

Publication

EP 2891260 A1 20150708 (EN)

Application

EP 13762933 A 20130828

Priority

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- US 2013056969 W 20130828

Abstract (en)

[origin: WO2014036070A1] A wireless device (UE1) transmits downlink interference-related information to a transmission point (TP1). The wireless device (UE1) generates this information by listening (604) to reference signals associated with a first reference signal resource (TP1) as well as with a second reference signal resource (TP2). The wireless device (UE1) uses these reference signals to estimate a first channel matrix relating to the first reference signal resource and a second channel matrix relating to the second reference signal resource. Using the estimated first and second channel matrices, the wireless device (UE1) derives (605) a pair of precoding matrices. Precoding matrix indicators representing the precoding matrix pair are sent (606) to the transmission point (TP1).

IPC 8 full level

H04J 11/00 (2006.01); **H04B 7/02** (2006.01); **H04B 7/06** (2006.01); **H04W 72/04** (2009.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2014036070A1

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Designated extension state (EPC)

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